

ITEM: 16

SUBJECT: Uncontested Waste Discharge Requirements

REPORT: Following are the proposed waste discharge requirements that prohibit discharge to surface waters. All agencies and the dischargers concur or have offered no comments. Items indicated as updates on the summary agenda make the requirements consistent with current plans and policies of the Board.

- a. **MITIGATED NEGATIVE DECLARATION FOR BELL-CARTER OLIVE COMPANY, SURFACE IMPOUNDMENT CLOSURE AND POST-CLOSURE MAINTENANCE, ORANGE COVE, Fresno County**
- b. **BELL-CARTER OLIVE COMPANY, SURFACE IMPOUNDMENT CLOSURE AND POST-CLOSURE MAINTENANCE, ORANGE COVE, Fresno County**

The Mitigated Negative Declaration for the Bell-Carter Olive Company closure of the surface impoundment was prepared in accordance with Title 14, California Code of Regulations, Section 15063. An initial study and proposed Mitigated Negative Declaration were submitted to all known interested persons and the State Clearinghouse for a review period that ended 30 June 2005. No comments were received.

The Discharger owns property approximately one mile southwest of Orange Cove that contains an inactive surface impoundment covering approximately 2 acres. Olive brine wastewater discharge to the surface impoundment began in 1977 and became inactive in 1985. Results of site hydrogeologic investigations indicate that brine wastewater migrated from the impoundment, impacting the underlying soil and groundwater. The Discharger has proposed to close the surface impoundment using an engineered alternative final cover system, substituting a flexible membrane liner for the compacted clay layer of the prescriptive cover design and an asphalt layer as the erosion-resistant layer. This Order requires the Discharger to complete the Evaluation Monitoring Program and final closure in accordance with a time schedule contained in the Order. The waste discharge requirements implement Title 27 regulations for closure and the post-closure maintenance and monitoring of the facility.

The proposed Waste Discharge Requirements (WDRs) require the capping of the surface impoundment. Compliance with the WDRs and the Monitoring and Reporting Program should preclude further groundwater degradation and mitigate potentially significant impacts to groundwater and any potential human health hazard. (TAF)

c. **GRANITE CONSTRUCTION COMPANY, KEITHLY RANCH/HIGHWAY 175 QUARRY, Lake County**

The Discharger owns a rock quarry and aggregate processing plant on 1,670 acres of land south of Lakeport, in Lake County. Rock mined from the quarry is removed via drilling and blasting, and then is crushed, washed, classified, and stockpiled according to size. The Discharger currently mines up to 400,000 tons of rock each year from the quarry, and the maximum annual production of the quarry is approximately 1 million tons of rock. The mine overburden is stripped and stockpiled for re-spreading over the mined area and the mined rock is transported to a moveable primary crusher/feeder within the active quarry area. From the quarry, the crushed rock is transported to the aggregate processing plant where it is further crushed, washed, classified, and stockpiled according to size. Source water for the aggregate processing plant is obtained from an on-site well. Between 300,000 and 400,000 gallons per day (gpd) of wash water from the aggregate processing plant is discharged into a 1 million gallon settling pond, located outside the 100-year flood plain. The wash water is recirculated between the pond and the aggregate processing plant. Surface water drainage is to Manning Creek, which is a tributary to Clear Lake. (GJC)

d. **JAMES H. WHEELER AND EIE LAMBDA, LLC, BRIDGES ON THE RIVER RESTAURANT, Sacramento County**

The Bridges on the River Restaurant is on Garden Highway near Interstate 80 in northwestern Sacramento County. Domestic wastewater from the restrooms and janitorial/kitchen facilities will be discharged to an on-site package treatment plant that will provide secondary aerobic treatment, clarification, and ozone disinfection by batch sequencing. Disinfected effluent will be further treated by pressure filtration and reverse osmosis prior to discharge to either of two shallow groundwater injection wells. Total daily influent flows are estimated to be no more than 5,000 gpd. Water for the restaurant will be supplied by an on-site well approximately 220 feet from the wastewater injection wells. Surface water drainage is to the Sacramento River. (ALO)

e. **CITY OF RIO VISTA, RIO VISTA LANDFILL, CLASS III LANDFILL POST-CLOSURE MAINTENANCE, AND CORRECTIVE ACTION, Solano County**

The Rio Vista Landfill is a closed, unlined landfill approximately one mile north of the City of Rio Vista. The 12-acre landfill operated from the mid-1940s through 1992, accepting primarily household wastes. The landfill stopped accepting wastes in 1993 but was not closed (i.e.,

graded and capped). In 2002, the Discharger installed a clay cap on the landfill to comply with Title 27 regulations and as a corrective action measure to address historical groundwater impacts from the landfill. These impacts consist primarily of inorganic salts such as total dissolved solids and chloride. These updated WDRs prescribe requirements for post-closure maintenance and corrective action monitoring of the landfill. The monitoring and reporting program requires semiannual monitoring for specified general minerals and less frequent monitoring (i.e., annual to every five years) for other landfill monitoring parameters and constituents of concern. Surface drainage in the area is toward the Sacramento River about one mile south of the site. (JDM)

f. **ANDERSON LANDFILL, INC., OPERATION AND PARTIAL CLOSURE OF ANDERSON CLASS III LANDFILL AND CLASS II SURFACE IMPOUNDMENT, Shasta County**

Anderson Landfill, Inc., owns and operates a Class III landfill and Class II surface impoundment in Anderson, Shasta County. The site consists of six existing unlined waste management units (Units) and two existing compositely lined Units covering approximately 66 acres. A 4.7-acre Class II surface impoundment exists near the northeast corner of the facility and is used for storage and evaporation of leachate collected from the lined Units. A gas extraction system exists along the north boundary of Unit 1 adjacent to Cambridge Road to control migration of methane. The perimeter gas extraction system will be expanded to include infill gas extraction wells as site build-out occurs and filled Units are closed. The Discharger proposes to construct two new Subtitle D lined Units covering approximately 73 acres to manage waste disposal operations over the next 26 years based on current disposal rates of 550 tons per day. The new Units will be constructed sequentially in approximately 6 to 14 acre cells. The Discharger is also clean-closing three pre-1984 unlined Units used for disposal of designated wastes, petroleum contaminated soil and wood wastes, and shredded tires, respectively. Additionally, the Discharger proposes to cap and close Units 1, 2Ba, and South Canyon Unit by fall 2007. Waste Discharge Requirements for the landfill are being revised to allow construction of the new Units, clean-closure of three Units, and final closure for Units 1, 2Ba, and South Canyon Unit. (DPS)

g. **U.S. ARMY CORPS OF ENGINEERS, WATER RESOURCES DEPARTMENT, PORT OF STOCKTON, AND IRONHOUSE SANITARY DISTRICT, STOCKTON DEEP WATER SHIP CHANNEL MAINTENANCE DREDGING, Contra Costa, Sacramento, and San Joaquin Counties**

This Order adds a dredge material disposal (DMD) site on Jersey Island and rescinds the previous dredging Order, which was issued to

the Army Corps of Engineers and Port of Stockton in May 2004 (Order No. R5-2004-0061). Dredged material will be removed with a hydraulic suction dredge, and then piped or barged to one of the approved DMD sites. These sites are used for settling solids from the dredge material slurry. After settling, excess water (effluent) will be discharged into the adjacent receiving water. The Jersey Island DMD site, along with all approved DMD sites to date, discharges to the San Joaquin River. The average rate of effluent discharge will be 9 million gallons per day. The duration of the discharge to surface waters ranges from several days to several weeks per year. Due to concerns for threatened and endangered fish species, dredging occurs between 1 September and 30 November. (BLS)

RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review \_\_\_\_\_

Legal Review \_\_\_\_\_

5 August 2005 Regular Board Meeting  
Central Valley Regional Water Quality Control Board  
11020 Sun Center Drive, #200  
Rancho Cordova, CA 95670